

IN THE SPECIFICATION

[0016] The substrate can comprise a single phase blend of poly(arylene ether) (PAE) and a styrenic material comprising polystyrene (PS) and/or a styrenic copolymer(s) (e.g., styrene-co-acrylonitrile (SAN) and/or styrene-co-maleic anhydride (SMA)). In one embodiment, the storage media comprises PAE with a weight average molecular weight of about 5,000 to about 50,000 and polystyrene with a weight average molecular weight of about 10,000 to about 300,000, wherein all molecular weight herein is given in atomic mass units (AMU) unless otherwise specified. Preferably, less than or equal to about 20 wt% of the PAE has a weight average molecular weight ( $M_w$ ) of less than or equal to about 15,000, with less than or equal to about 10 wt% preferred, and less than or equal to about 5 wt% especially preferred to obtain improvements in processibility and to tailor mechanical properties. The maximum radial tilt and tangential tilt are independently, preferably, no more than about 1° each, and more preferably less than about 0.3° each, measured in a resting state (i.e., not spinning). Additionally, the overall thickness typically employed is about 0.8 mm to about 2.5 mm. The storage media can have a thickness of up to about 1.2 mm.